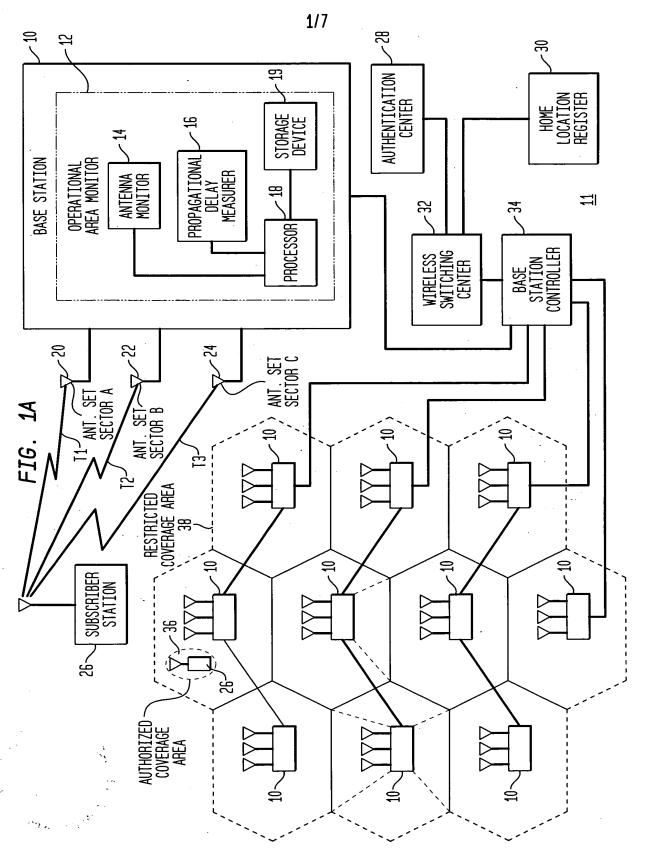
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FIG. 1B

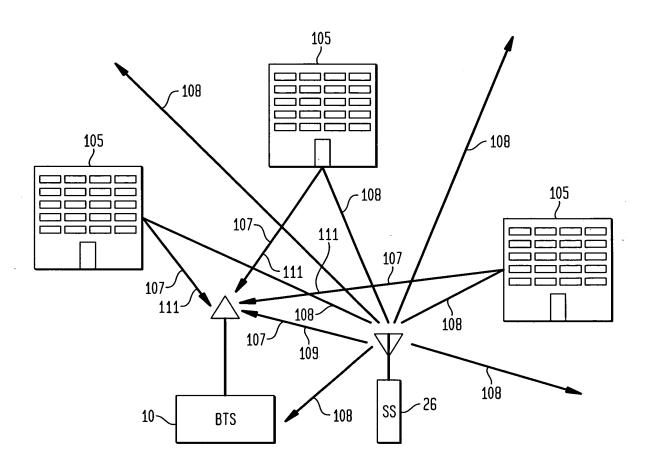


FIG. 2

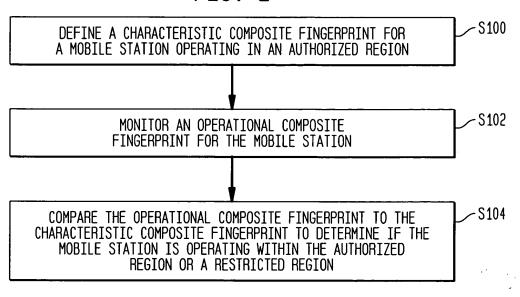
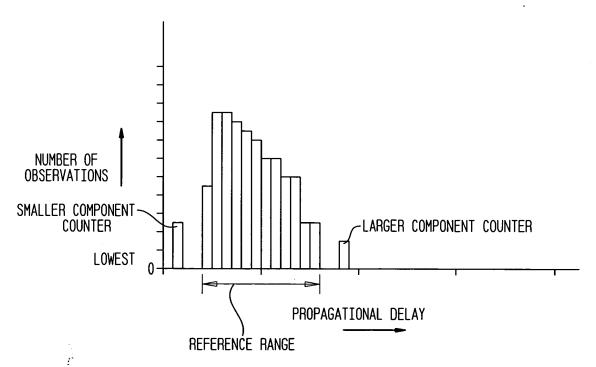
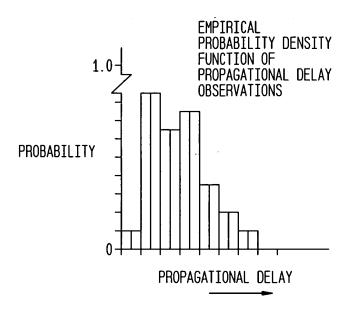


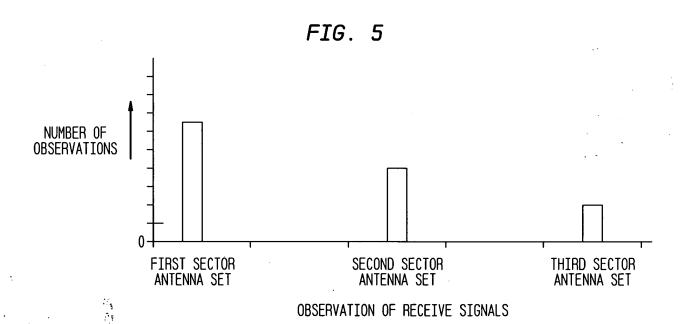
FIG. 3



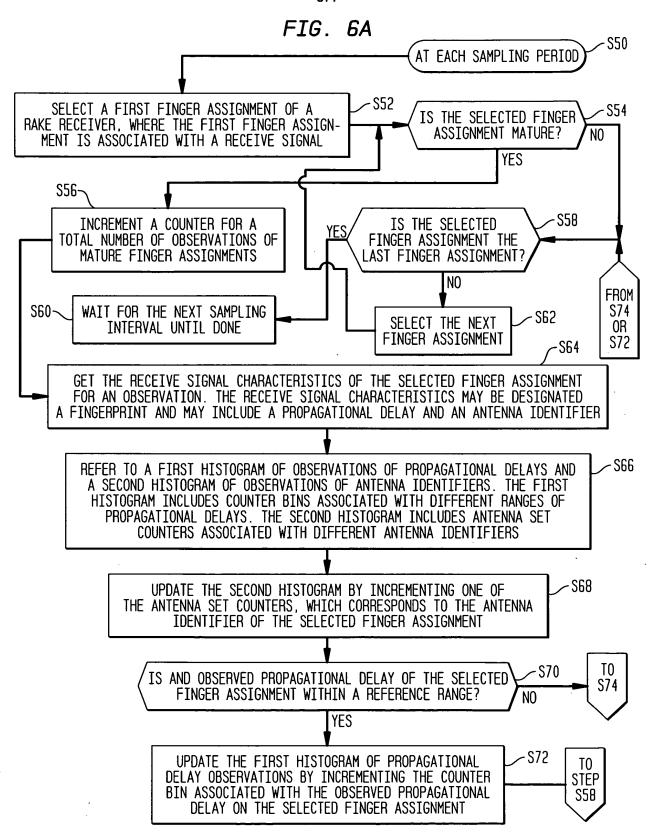
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FIG. 4





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IF THE OBSERVED PROPAGATIONAL DELAY IS LOWER THAN THE REFERENCE RANGE, INCREMENT A SMALLER COMPONENT COUNTER. IF THE OBSERVED PROPAGATIONAL DELAY IS GREATER THAN THE REFERENCE RANGE, INCREMENT A LARGER COMPONENT COUNTER

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FIG. 7

PREPARE AN OPERATIONAL COMPOSITE FINGERPRINT FOR COMPARISON WITH A CHARACTERISTIC COMPOSITE FINGERPRINT. RETRIEVE OR ESTABLISH AN ANTENNA MASK AND PROPAGATAIONAL DELAY MASK ASSOCIATED WITH THE CHARACTERISTIC COMPOSITE FINGERPRINT. THE OPERATIONAL COMPOSITE FINGERPRINT INCLUDES A FIRST HISTOGRAM OF PROPAGATIONAL DELAY OBSERVATIONS AND A SECOND HISTOGRAM OF ANTENNA OBSERVATIONS

~S32 DOES THE SECOND HISTOGRAM FALL WITHIN NO THE ANTENNA MASK ASSOCIATED WITH THE CHARACTERISTIC COMPOSITE FINGERPRINT? YES -S34 DOES THE FIRST HISTOGRAM FALL WITHIN THE NO. PROPAGATIONAL DELAY MASK ASSOCIATED WITH THE CHARACTERISIC COMPOSITE FINGERPRINT? YES ~S36 THE SUBSCRIBER STATION IS MOST LIKELY OPERATING IN AN AREA WITHIN THE AUTHORIZED COVERAGE AREA

THE SUBSCRIBER STATION IS OPERATING IN AN AREA OUTSIDE THE AUTHORIZED COVERAGE AREA OR WITHIN A RESTRICTED COVERAGE AREA

- S31

-S74

- S38

## FIG. 8

